# IAP13 Rec'd PCT/PTO 27 DEC 2006

PTO-1390 (Rev. 07-2005) Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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#### ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 095309.56877US DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 10/552,166 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/EP2004/003723 April 7, 2004 April 9, 2003 TITLE OF INVENTION METHOD FOR OPERATING A COMPRESSION IGNITION INTERNAL COMBUSTION ENGINE APPLICANT(S) FOR DO/EO/US **Uwe GAERTNER** Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 1. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 2. $\boxtimes$ 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) M and (21) indicated below. 4. The US has been elected (Article 31). 冈 A copy of the International Application as filed (35 U.S.C. 371(c)(2)) 5. is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. Is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). 6. is attached hereto. a. has been previously submitted under 35 U.S.C. 154(d)(4). b. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) 7. are attached hereto (required only if not communicated by the International Bureau). a. have been communicated by the International Bureau. b. have not been made; however, the time limit for making such amendments has NOT expired. C. have not been made and will not be made. d. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 8. 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (One (1) page) X An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 10. П 371(c)(5)) Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 11. П An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 12. 13. A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. 14. 15. A substitute specification. П 16 A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 18. 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Other items or information: Notification of Missing Requirements dated November 6, 2006.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 10/552,166 PCT/EP2004/003723 095309.56877US The following fees have been submitted CALCULATIONS PTO USE ONLY Basic national fee (37 C.F.R. §1.492(a))......\$300.00 21. 22. Examination fee (37 C.F.R. §1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ......\$0.00 \$ All other situations ..... .....\$200.00 Search fee (37 C.F.R. §1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority......\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB......\$400 \$ All other situations ......\$500 TOTAL OF 21, 22 AND 23 = \$ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction **Total Sheets** Extra Sheets RATE thereof (round up to a whole number) \$ - 100 / 50 = x 250 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(h)). NUMBER FILED RATE NUMBER EXTRA CLAIMS - 20 50 \$ Total claims X Independent claims - 3 x 200 \$ MULTIPLE DEPENDENT CLAIM(S) (if applicable) 360 \$ **TOTAL OF ABOVE CALCULATIONS =** \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. \$ SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the \$ earliest claimed priority date (37 CFR 1.492(i)). **TOTAL NATIONAL FEE =** \$ Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be \$ accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property ......+ TOTAL FEES ENCLOSED = \$ Amount to be refunded: \$ Amount to be charged: A check in the amount of \$ to cover the above fees is enclosed. Please charge my Deposit Account No. 05-1323 (Attorney Docket No. 095309.56877US) in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 05-1323 (Attorney Docket No. 095309.56877US). A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. Edwarde SEND ALL CORRESPONDENCE TO: Crowell & Moring, LLP Intellectual Property Group SIGNATURE P.O. Box 14300 Gary R. Edwards Washington, D.C. 20044-4300 31,824 Tel. No. (202) 624-2500 REGISTRATION NUMBER Fax No. (202) 628-8844 December 27, 2006 **GRE**ttiv



# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEPARTMENT OF COMMI United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

ATTY. DOCKET NO. U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT 095309.56877US 10/552,166 Uwe Gaertner

INTERNATIONAL APPLICATION NO.

23911 **CROWELL & MORING LLP** INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300

PCT/EP04/03723 I.A. FILING DATE PRIORITY DATE 04/09/2003 04/07/2004

**CONFIRMATION NO. 2033 371 FORMALITIES LETTER** \*OC0000000211227171

Date Mailed: 11/06/2006

# NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/11/2005
- Copy of the International Search Report filed on 10/11/2005
- Preliminary Amendments filed on 10/11/2005
- Information Disclosure Statements filed on 10/11/2005
- U.S. Basic National Fees filed on 10/11/2005
- Substitute Specification filed on 10/11/2005
- Priority Documents filed on 10/11/2005

Action	MISSING REQ.
Due Date	1-6-07
Docket #_	56877 US.
Attorney 🗌	6 R.B. compre months
<b>Docketing</b>	An 11/9
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The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

 Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <a href="http://www.uspto.gov/ebc.">http://www.uspto.gov/ebc.</a>

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

## **CHRISTINE S WASHINGTON**

Telephone: (703) 308-9140 EXT 228

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
10/552,166	PCT/EP04/03723	095309.56877US

FORM PCT/DO/EO/905 (371 Formalities Notice)